

Converting Colors

XYZ(53.8739, 58.5086, 81.0272)

Have a look what the booklet for
XYZ(53.8739, 58.5086, 81.0272)
contains.

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Color

**XYZ(54.0565, 58.6737,
81.1491)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CDE3
RGB	178, 205, 227
RGB Percent	70%, 80%, 89%
CMY	0.3020, 0.1961, 0.1098
CMYK	0.22, 0.10, 0.00, 0.11
HSL	207°, 47%, 79%
HSV	207°, 22%, 89%
XYZ	54.0565, 58.6737, 81.1491
YIQ	199.4350, -23.1540, 1.1180

Conversions

Conversions Part 2

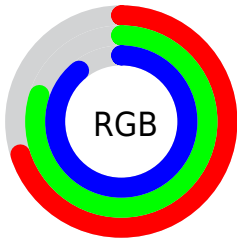
Format	Color
RYB	178, 195, 227
Decimal	11718115
CIELab	81.11, -4.33, -13.90
CIELCh	81, 14.554, 252.710
Yxy	58.6737, 0.2788, 0.3026
Android (android.graphics.Color)	4289908195 (0xFFB2CDE3)
YUV	199.4350, 13.5895, -18.7985
Hunter-Lab	76.5988, -8.0786, -9.1930

Details

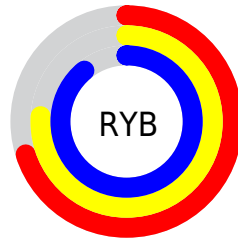
The XYZ color **54.0565, 58.6737, 81.1491** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3691, 60.8537, 50.6848**, and the grayscale version is **54.4834, 57.3208, 62.4223**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **26.9704, 29.4717, 43.2968** is the 20% darker color. If you saturate the color by 10%, you get **46.9143, 51.4914, 80.1402**, and if you desaturate by 10%, it is **62.2229, 66.6227, 82.2540**.

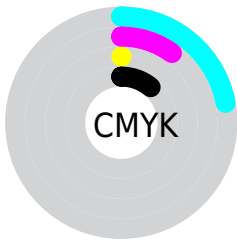
Distribution



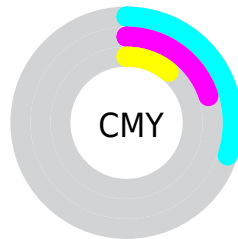
- Red (70%)
- Green (80%)
- Blue (89%)



- Red (70%)
- Yellow (76%)
- Blue (89%)



- Cyan (22%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (30%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0565, 58.6737, 81.1491 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 54.0565, 58.6737, 81.1491 by changing the saturation by 10% instead.

■ 54.0565, 58.6737,
81.1491

■ 54.0565, 58.6737,
81.1491

392.5203,
419.6916, 518.6055

■ 38.8777, 42.3505,
60.1327

■ 95.3136, 102.9033,
136.8061

■ 26.8449, 29.3758,
43.0996

122.1226,
131.5784, 172.2837

■ 17.5927, 19.3653,
29.6313

153.5390,
165.1397, 213.4188

■ 10.7559, 11.9345,
19.3092

189.9283,
203.9715, 260.6299

■ 5.9690, 6.6991,
11.7149

231.6557,
248.4582, 314.3356

■ 2.8667, 3.2747,
6.4297

279.0865,

■ 1.0837, 1.2768,

298.9842, 374.9544

3.0351

332.5863,
355.9339, 442.9049

■ 0.0114, 0.1231,
1.1126

■ 0.0000, 0.0000,
0.0000

■ 54.0565, 58.6737,
81.1491

■ 54.0565, 58.6737,
81.1491

■ 46.9143, 51.4914,
80.1402

■ 62.2229, 66.6227,
82.2540

■ 40.7456, 45.0407,
79.2202

■ 71.4505, 75.3573,
83.4536

■ 35.5032, 39.2943,
78.3873

■ 81.7810, 84.9047,
84.7519

■ 31.1334, 34.2196,
77.6381

■ 87.9903, 92.5760,
85.9054

■ 27.5765, 29.7811,
76.9689

■ 90.8653, 98.3261,
86.8637

■ 24.7642, 25.9384,
76.3754

■ 22.6154, 22.6446,
75.8529

■ 21.2109, 20.2373,
75.4622

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.6015, 58.6737, 75.8649



54.0565, 58.6737, 81.1491



57.0572, 58.6737, 81.5540

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.0565, 58.6737, 81.1491



61.6367, 58.6737, 60.2900



51.9143, 58.6737, 52.4095

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54.0565, 58.6737, 81.1491



60.3691, 60.8537, 50.6848

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.4975, 58.6737, 48.9734



54.0565, 58.6737, 81.1491



60.1521, 58.6737, 53.2389

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.0565, 58.6737, 81.1491



61.5082, 58.6737, 68.9661



57.5144, 58.6737, 49.2626



50.3958, 58.6737, 59.0611

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.0565, 58.6737, 81.1491



58.9704, 58.6737, 78.9536



57.5144, 58.6737, 49.2626



52.6829, 58.6737, 50.8683

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54.0583, 58.6761, 81.1504



87.4912, 92.9085, 107.9296



56.1662, 68.5386, 64.4451



18.5573, 19.7259, 23.0794



0.0000, 0.0000, 0.0000



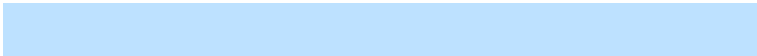
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.0583, 58.6761, 81.1504



65.9510, 71.9787, 105.0250



48.8045, 48.1685, 79.3992



14.2380, 15.1973, 18.3273



12.4883, 12.0386, 44.0487



1.0153, 1.0745, 3.2859

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.6198, 52.5808, 64.8199



72.9960, 62.9754, 79.7114



66.2995, 72.7144, 52.6616



14.7077, 14.5003, 16.6612



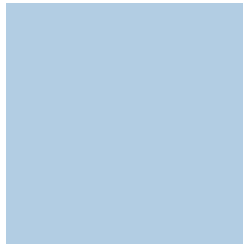
20.6970, 10.4130, 12.5653



1.5761, 0.7882, 1.1743

Previews

White Background



This preview shows how the XYZ color 54.0565, 58.6737, 81.1491 looks on a white background.

Color Contrast Check

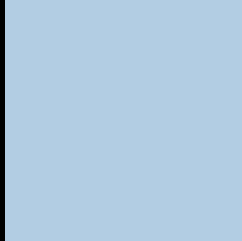
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 54.0565, 58.6737, 81.1491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

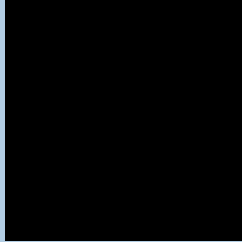
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

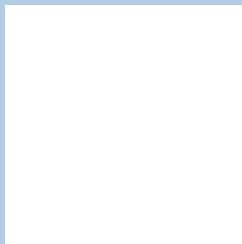
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0565, 58.6737, 81.1491

Background



This preview shows how black text looks on a background with the XYZ color 54.0565, 58.6737, 81.1491.



This preview shows how white text looks on a background with the XYZ color 54.0565, 58.6737,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54.0565, 58.6737, 81.1491

Protanopia

57.3975, 58.6961, 78.8253

Deuteranopia

59.8952, 58.5469, 82.2726



Tritanopia

53.3876, 58.7637, 77.6359

Trichromacy



Original Color

54.0565, 58.6737, 81.1491

Protanomaly

56.1970, 58.7537, 79.6129

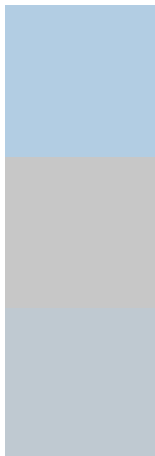
Deuteranomaly

57.4530, 58.3186, 81.6273

Tritanomaly

53.6573, 58.8715, 79.0563

Monochromacy



Original Color

54.0565, 58.6737, 81.1491

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8811, 57.4531, 68.5713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0565, 58.6737, 81.1491 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(178, 205, 227)` looks like.

```
.text, #text, p{  
    color:rgb(178, 205, 227)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(178, 205, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 205, 227) }
```

Border

The CSS property to change the border of an element to XYZ 54.0565, 58.6737, 81.1491 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 205, 227) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(178, 205, 227) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(178, 205, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 205, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 205, 227);  
box-shadow:4px 4px 4px 4px rgb(178, 205,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0565, 58.6737, 81.1491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 205, 227) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(178,  
205, 227) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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